

Title (en)

COPOLYMER FOR DISPERSANT FOR CEMENT, DISPERSANT FOR CEMENT, AND CEMENT COMPOSITION

Title (de)

COPOLYMER FÜR DISPERGIERMITTEL FÜR ZEMENT, DISPERGIERMITTEL FÜR ZEMENT UND ZEMENTZUSAMMENSETZUNG

Title (fr)

COPOLYMÈRE POUR DISPERSANT POUR CIMENT, DISPERSANT POUR CIMENT ET COMPOSITION DE CIMENT

Publication

**EP 2831011 A1 20150204 (EN)**

Application

**EP 13715650 A 20130328**

Priority

- EP 12162379 A 20120330
- EP 2013056800 W 20130328
- EP 13715650 A 20130328

Abstract (en)

[origin: EP2644578A1] An object of the present invention is to provide a novel copolymer capable of exerting excellent dispersibility to various kinds of cement including cement having low fluidity (difficult cement), and a dispersant for cement and cement composition including the copolymer. The copolymer of the present invention is a copolymer obtainable by polymerizing polymer components including an unsaturated (poly)alkylene glycol ether monomer (a), an unsaturated carboxylic acid monomer (b), and an unsaturated cross-linkable monomer (c) or an unsaturated polymerizable monomer (d).

IPC 8 full level

**C04B 24/00** (2006.01); **C08F 283/06** (2006.01); **C08G 65/00** (2006.01)

CPC (source: EP US)

**C04B 24/00** (2013.01 - US); **C04B 24/2647** (2013.01 - EP US); **C04B 24/267** (2013.01 - EP US); **C04B 24/2694** (2013.01 - US); **C04B 28/02** (2013.01 - EP US); **C08F 216/1425** (2020.02 - EP US); **C08F 283/06** (2013.01 - EP US); **C08G 65/3324** (2013.01 - EP US); **C08L 71/02** (2013.01 - EP US); **C04B 2103/0062** (2013.01 - EP US); **C04B 2103/408** (2013.01 - EP US)

Citation (search report)

See references of WO 2013144332A1

Cited by

CN106336485A; WO2022013600A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2644578 A1 20131002**; EP 2831011 A1 20150204; EP 2831011 B1 20160525; JP 2015512986 A 20150430; JP 5981634 B2 20160831; US 2015065615 A1 20150305; US 9328022 B2 20160503; WO 2013144332 A1 20131003

DOCDB simple family (application)

**EP 12162379 A 20120330**; EP 13715650 A 20130328; EP 2013056800 W 20130328; JP 2015500951 A 20130328; US 201314388181 A 20130328